

# Product data sheet

Specifications



## Fuse carrier, TeSys DF, 3P+N, 25A, 400VAC, fuse size 8.5x31.5mm, with tubular link

DF83N

### Main

Range	TeSys
Product name	TeSys DF
Product or component type	Fuse carrier
Device short name	DF8
Device composition	tubular link for locked in Neutral pole
Product compatibility	DF2BA fuse cartridge DF2BN fuse cartridge
Poles description	3P + N
Fuse size	8.3 x 31.5 mm
Fuse type	, aM , gG
Control type	Toggle padlockable
Utilisation category	AC-20B conforming to IEC 60947-3
[Ue] rated operational voltage	400 V AC
[Ie] rated operational current	25 A at 400 V AC
[Ith] conventional free air thermal current	25 A 20 °C
[Ui] rated insulation voltage	500 V AC
[Uimp] rated impulse withstand voltage	6 kV
Overvoltage category	III
Short-circuit withstand	20 kA 400 V conforming to IEC 60947-3
Power dissipation in W	2.5 W maximum power dissipation by fuse

### Complementary

Standards	EN/IEC 60947-3 EN/IEC 60269-2
Product certifications	IEC EAC DNV-GL
Mounting support	35 mm symmetrical DIN rail
Mounting position	Vertical (tolerance: +/- 23°)
Connections - terminals	Screw clamp terminals 1 cable(s) 1...16 mm <sup>2</sup> rigid Screw clamp terminals 2 cable(s) 1...6 mm <sup>2</sup> rigid

Screw clamp terminals 1 cable(s) 1...16 mm<sup>2</sup>flexible with or without  
Screw clamp terminals 2 cable(s) 1...6 mm<sup>2</sup>flexible with or without

<b>Tightening torque</b>	2.2 N.m - with screwdriver PZ2 2.2 N.m - with screwdriver flat Ø 5.5 mm
<b>Height</b>	79.5 mm
<b>Width</b>	70 mm
<b>Depth</b>	61 mm
<b>Product weight</b>	0.171 kg
<b>Quantity per set</b>	Set of 3

## Environment

<b>Ambient air temperature for storage</b>	-40...70 °C
<b>Ambient air temperature for operation</b>	-40...70 °C with derating above 20°C
<b>Operating altitude</b>	0...2000 m without derating
<b>IP degree of protection</b>	IP20
<b>Pollution degree</b>	3
<b>Fire resistance</b>	960 °C conforming to IEC 60695-2-1
<b>Compatibility code</b>	DF8

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8 cm
<b>Package 1 Width</b>	6.2 cm
<b>Package 1 Length</b>	7 cm
<b>Package 1 Weight</b>	180 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	6.8 cm
<b>Package 2 Width</b>	8.5 cm
<b>Package 2 Length</b>	22.2 cm
<b>Package 2 Weight</b>	576 g
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	48
<b>Package 3 Height</b>	30 cm
<b>Package 3 Width</b>	30 cm
<b>Package 3 Length</b>	40 cm
<b>Package 3 Weight</b>	9.716 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Compliant <a href="#">EU RoHS Declaration</a>

<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	WARNING: Cancer - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Contractual warranty

<b>Warranty</b>	18 months
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## Recommended replacement(s)